

Fig. 1

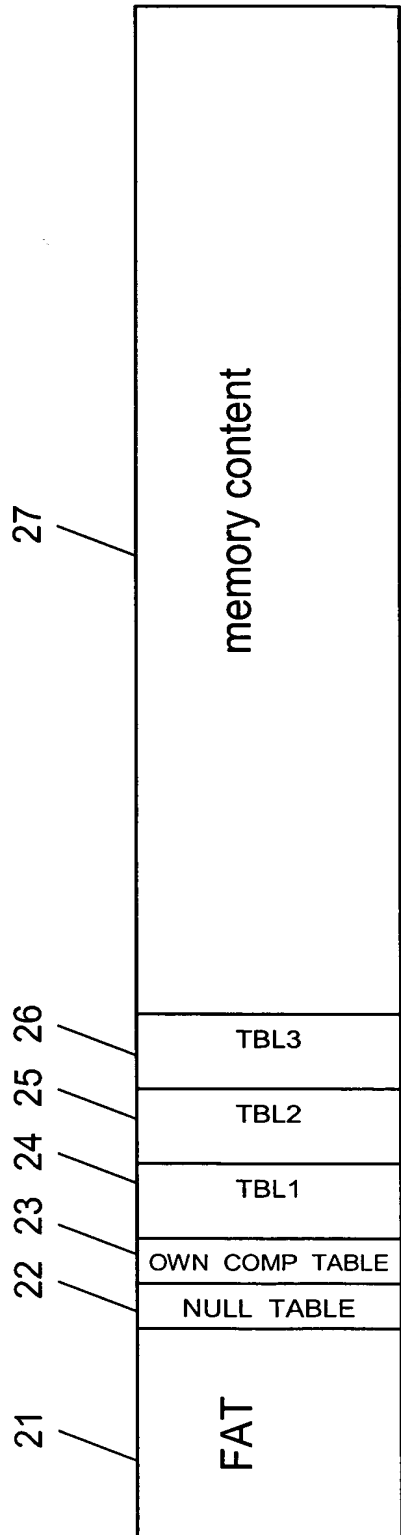


Fig. 2

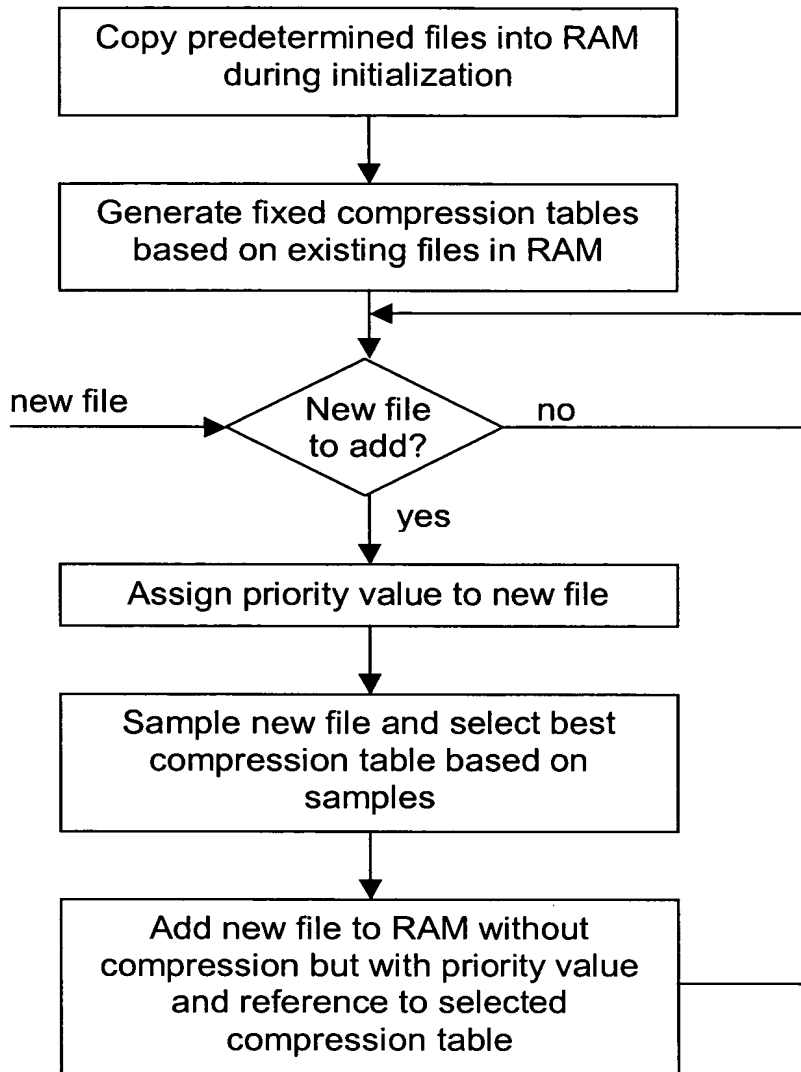


Fig. 3

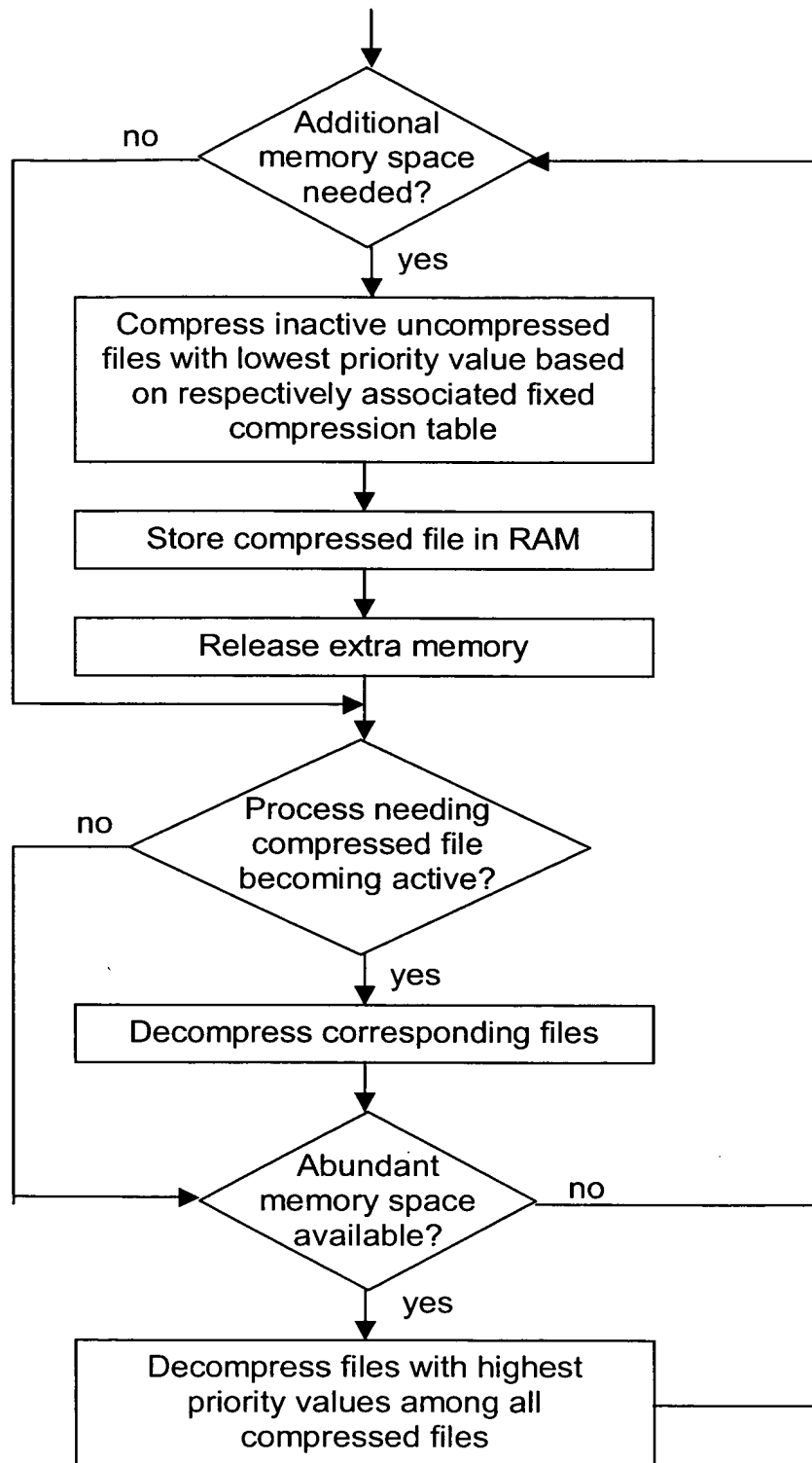


Fig. 4

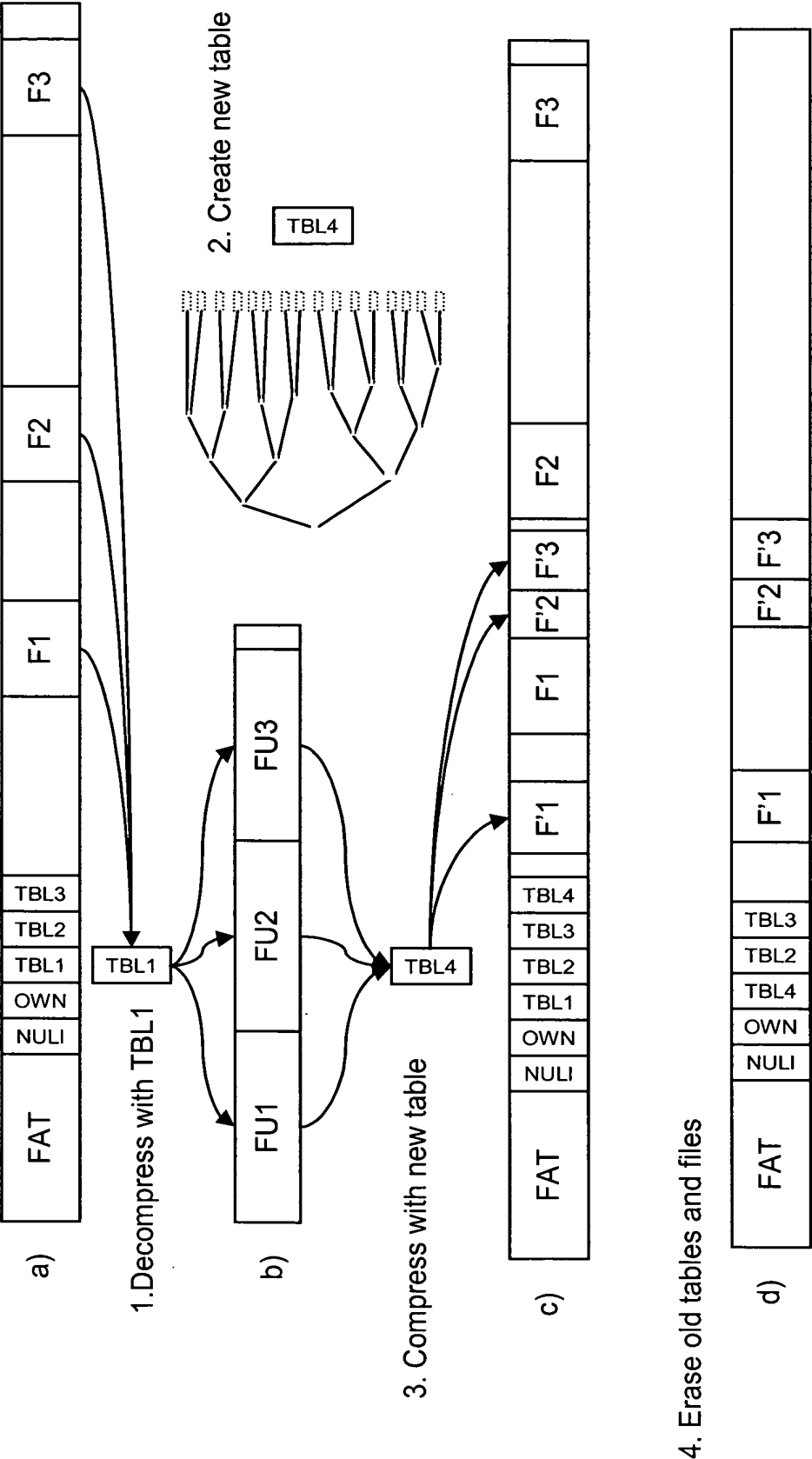


Fig. 5

a)	File = "3 7 13 56 12 3 3 . . . ." (bits per word)										
b)	Word:	1	2	3	4	5	. . .				
c)	Occurrences:	21	27	29	13	16	. . .				
d)	Word:	3	2	1	5	4	. . .				
e)	Occurrences:	29	27	21	16	13	. . .				
f)	CodeBits= [	2	2	3	3	4	4	4	4	5	5 . . . ]
g)	CompressedBits= $2*29 + 2*27 + 3*21 + 3*16 + 4*13 + \dots$										

Fig. 6

a)	Weight:	[	4	4	2	2	1	1	1	1	]
b)	FixedTableIndex:	[	56	14	32	6	4	49	38	19	]
c)	CurrentTableIndex:	[	29	16	56	51	7	6	22	27	]
d)	ck =	$4 * 2 + 2 * 1 = 10$									

Fig. 7

a)	FixedTreeIndex =	[	7	1	5	4	2	...	]		
b)	Word:	1	2	3	4	5	6	7	8	...	
c)	Occurrences:	19	21	15	19	22	11	10	13	...	
d)	Word:	5	2	1	4	3	8	7	6	...	
e)	Occurrences:	22	21	19	19	15	13	10	11	...	
f)	Ordered:	11	22	15	19	21				...	
g)	CodeBits =	[	2	2	3	3	4	4	4	...	
h)	CompressedBits =	$2^{*11} + 2^{*22} + 3^{*15} + 3^{*19} + 4^{*21} + \dots$									

Fig. 8



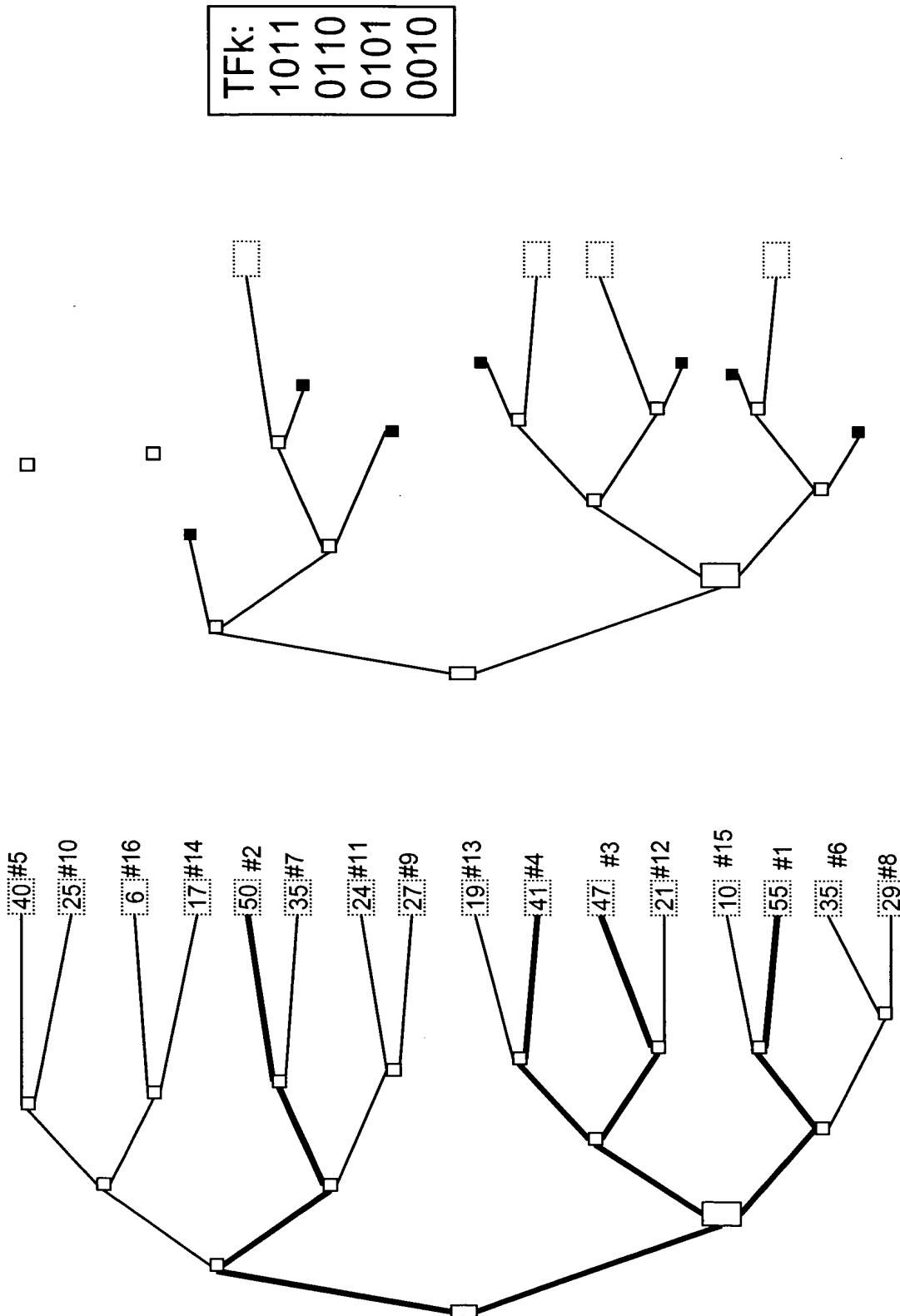


Fig. 9